

Northern Arizona Investigations Program

LOCATION: Includes the northern Arizona counties of Mohave, Coconino, Navajo, and Apache.

DESCRIPTION/JUSTIFICATION: The objective of this ongoing program is to improve and increase the management of existing water supplies; identify and develop potential water supplies; and develop processes and strategies for dealing with resource issues. The northern part of Arizona, which encompasses the Little Colorado River Watershed and Colorado Plateau area, has been experiencing multiple water resource use and supply issues. Potential settlement of Indian water rights, endangered species needs, sedimentation and flooding issues, and increasing water supply needs of local communities have contributed to resource conflicts within the basin. Assistance is needed to help manage existing water supplies and to develop a realistic and implementable process or strategy for dealing with water and natural resource issues.

In addition, the Federal government has trust responsibilities for Indian tribes as set forth in various treaties, statutes, and court decisions. Some tribes will seek P.L. 93-638 (Indian Self Determination, Education and Assistance Act) contract responsibility from the Bureau of Indian Affairs and will assume responsibility for planning of their own resources. As such, they are in need of expertise to help develop their own capability. Tribes within this area include the Navajo, Hopi, Kaibab Paiute, Hualapai, Havasupai, and Zuni.

AUTHORIZATION: The Reclamation Act of 1902, June 17, 1902 and P.L. 93-638, The Indian Self-Determination, Education and Assistance Act, January 4, 1975, as amended.

SUMMARIZED FINANCIAL DATA

Program Financial Data

Activity	FY 2001	FY 2002
Water and Energy Management and Development	\$735,081	\$1,075,000
Total Program	\$735,081	\$1,075,000
Prior Year Funds	(85,081)	0
Non-Federal	(350,000)	(500,000)
Enacted	\$300,000	\$575,000
Underfinancing	(45,000)	0
FY 2001 Rescission (P.L. 106-554)	(1,000)	0
Total Reclamation Allotment	\$254,000	\$575,000

COST-SHARING: Navajo County for the Little Colorado River Sediment Transport Study; the Hopi Tribe for the Moenkopi Water Supply Study; and the Navajo Nation, Hopi Tribe, Arizona Department of Water Resources and other local communities for the North Central Arizona Water Supply Study.

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WORK PROPOSED FOR FY 2002:

Water and Energy Management and Development - Little Colorado River Sediment Transport Study

- Completes monitoring program, assessment program, and publishes final report. Completes and reports analysis of sediment transport model results, recommendations for river management and potential measures to reduce or reverse impacts of aggradation. (FY 2000 - FY 2002) \$150,000
Non-Federal - Navajo County (75,000)
75,000

Moenkopi Water Supply Study - Begins the demonstration project to determine best methods for in-situ treatment of Methyl Tertiary Butyl Ether (MTBE) contamination. Completes the final analysis and report of groundwater/geologic data gathered in previous year's exploratory drilling. Completes data gathering to incorporate wastewater reuse, water treatment, and additional runoff capture to begin development of supply alternatives. (FY 2002 - FY 2004) 125,000
Non-Federal - Hopi Tribe (25,000)
100,000

North Central Arizona Water Supply Study - Begins general coordination and cooperation with other agencies and public groups to define water supply issues and problems relative to the Coconino plateau and the communities and areas of Page, Flagstaff, Williams, Tusayan, south Rim of the Grand Canyon, Coconino County and the western Navajo Nation. Begins activities that facilitate problem definition and objectives; define and develop an appropriate Plan of Study; initiate necessary analysis of supply and demand issues and functions; and evaluate of issues related to future demands, conservation, economic, environmental, and social factors that impact water supplies in Northern Arizona. (FY 2002 - FY 2006) 800,000
Non-Federal - Various (400,000)
400,000

Subtotal, Water and Energy Management and Development **\$575,000**

Reclamation Request \$575,000